

NEW HIGH SPEED DIGITAL MAGNETIC TAPE READING AND DATA CONVERSION EQUIPMENT

LUFKIN RESEARCH
LABORATORIES

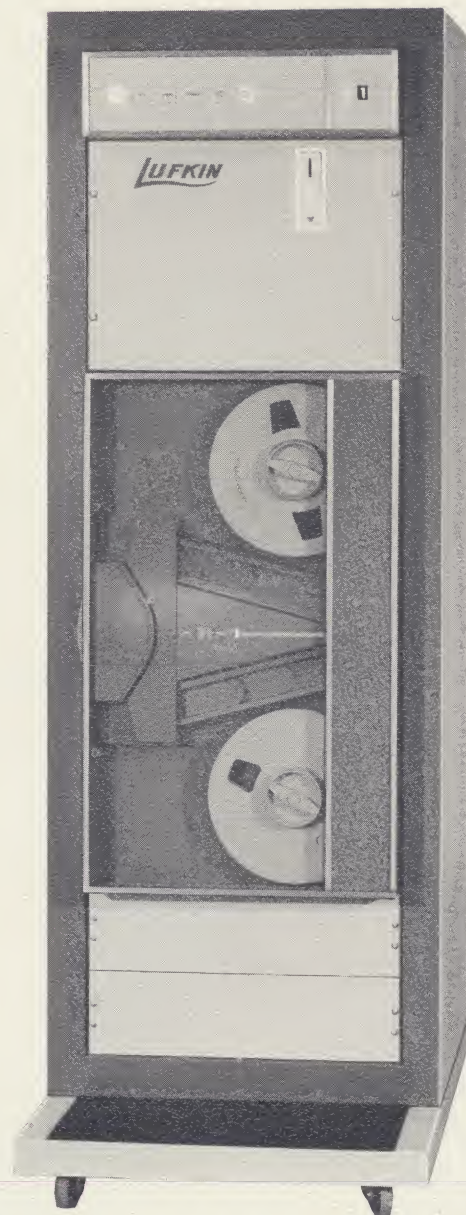
CARTRIDGE MAGNETIC TAPE- TO-COMPUTER TAPE CONVERTER

DESCRIPTION:

LUFKIN RESEARCH LABORATORIES' magnetic tape cartridge-to-computer tape converters are solid state off-line data processors for high speed accumulation and validity checking of information acquired and recorded on magnetic tape. This equipment performs computer tape forming and control functions automatically with a minimum of operator controls and handling. The input data source is a magnetic tape cartridge which requires no threading and may be inserted into the converter in seconds. Tape control functions may also be connected to digital communications systems for recording directly from wired data sources. To safeguard accuracy, unique logic is incorporated which detects missing information and initiates corrective routines to prevent the recording of erroneous data on the output tape.

APPLICATIONS:

The function of LUFKIN RESEARCH LABORATORIES' magnetic tape data conversion equipment is to act as an off-line buffer between field recorded tape cartridges and digital computers used for EDP. It is employed wherever data is acquired from many remote sources which must be assimilated by computers or logged into an accessible medium. The LUFKIN tape-to-tape converter together with portable tape recording equipment greatly increases efficiency. Examples are found in inventory control, research, statistical studies, utility meter reading, manufacturing process data collection, accounting, scientific instrumentation, etc.



MODEL TC95

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